

18. The wearable infusion pump of claim **17** wherein the outlet valve is biased to a first position to substantially close the fluid path and having a second position where the fluid path is substantially open, whereby pressure in the fluid path against the first surface of the flexible membrane can move the outlet valve to the second position to open the fluid path.

19. The wearable infusion pump of claim **17** wherein the inlet valve has a first position whereby the fluid path is substantially open, and second position whereby the fluid path is substantially closed, and the pump assembly has an actuation member to move the inlet valve from the first position to the second position.

20. The wearable infusion pump of claim **19** where the actuation member includes a shape memory alloy wire.

21. The wearable infusion pump of claim **17** wherein the flexible membrane is continuous.

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